

Wireless  
data sheet



# RLED20CC3

WIRELESS THREE CHANNEL (RGB) 20W/CHANNEL CONSTANT CURRENT LED DIMMER.

### WHAT IS IT ?

A compact 3 channel 20w/channel constant current LED driver with in-built RF receiver and Rako processor. For control of 3 channel constant current LED fittings with selectable outputs of 350, 500, 600 and 700mA.

When used with 3 colour fittings each colour is allocated a channel and can be individually adjusted allowing complete colour mixing. Simple colour cycling is started/stopped using the raise/lower buttons in a Rako wallpanel or hand held remote.

Controlled from any Rako Rakom device, e.g. RCM wall plate or Bridge interface units.

The RLED20CC3 is a wireless (RGB) 20w/channel constant current dimming LED driver, suitable for ceiling or cupboard mounting.



### IN CONTROL

Designed for use with 3 channel constant current LED fittings.

Maximum wattage of 20w with a forward voltage range of 3-45V (equates to 13 x 1w LEDs per channel). Requires a suitable external d.c. power supply such as the Rako RAPSU48. Selectable current ratings of 350, 500, 600 and 700mA via jumper connectors.

Current Output

350mA	600mA	700mA
13	10	9

Table shows max no. LEDs per channel.

Programmed using either an RCM RF wallplate or the RASOFT software suite, the unit stores the house, room and channel address plus 16 preset scene levels in non volatile memory.

The RLED20CC3 dimmer can be controlled from any Rako transmitter such as RCM wallplates, RAH hand holds and Bridge modules and forms the foundation of any Rako scene-set system.

For more information on dimming LEDs refer to Rako's application sheet 'Controlling LED Lighting With Rako Dimmers and Modules'.



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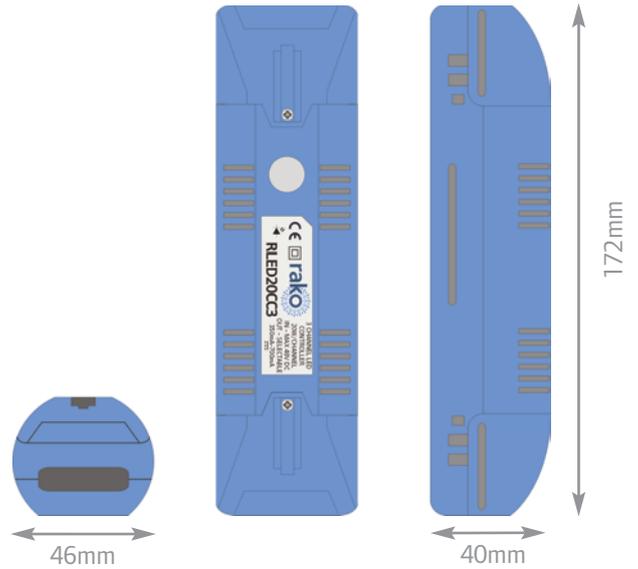
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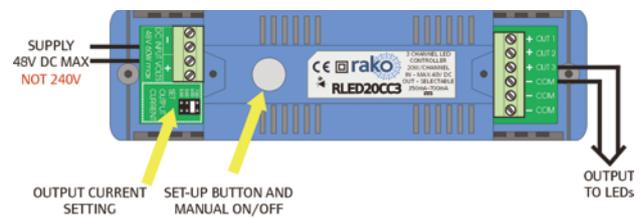
## technical data

dimensions	172x46x40mm
input supply	48V DC max
weight	178g
housing	UL V0 ABS
climate range	Temperature +2C to +40C Humidity +5% to 95% non condensing
connections	4 way terminals for d.c. supply 6 way screw terminals for load connections.
protection	Reverse polarity input protection.
load types	3 Channel Constant Current LED Fittings
minimum load	3w
maximum load	20w/channel
terminal sizes	4mm <sup>2</sup>
standards	Emissions - EN61000-6-3 : 2007 Immunity - EN61000-6-1 : 2007
communication	Rakom coded fm radio, 433.9MHz
memory	Flash memory (non volatile)

## mechanical data



## wiring schematic



telephone +44 (0) 1634 226666 fax +44 (0) 1634 226667 [www.rakocontrols.com](http://www.rakocontrols.com)